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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/666,910	09/21/2000	Anna Maria Zara	10002185-1	7529

7590 04/16/2004

Hewlett Packard Company  
Intellectual Property Administration  
PO Box 272400  
Fort Collins, CO 80528-9599

EXAMINER
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BORISSOV, IGOR N

ART UNIT	PAPER NUMBER
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3629

DATE MAILED: 04/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/666,910

Applicant(s)

ZARA ET AL.

Examiner

Igor Borissov

Art Unit

3629

MW

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

Claim Rejections under 35 USC § 112, first and second paragraph have been withdrawn.

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hummel, Jr. et al. in view of Cherkasova et al. (US 6,154,769).**

Hammel, Jr. et al. (Hereinafter Hammel) teaches a method and apparatus for delivery of protected software applications to remote systems, comprising:

**As per claims 1, 9, 14, 16 and 18-19**, providing business rules for determination of possibility to access the protected software applications based on the level of security clearance (column 8, lines 35-51); generating an authenticity tag indicating the level of security clearance (column 11, lines 9-17); sending the authenticity tag to a requesting client that issued the request such that the authenticity tag is attached to subsequent external requests to the data service system for the same transaction (column 11, lines 28-39); determining possibility to access the protected software applications based on the security clearance information contained in the authenticity tag of each of the subsequent external requests (column 11, lines 28-39).

Hammel does not specifically teach that determination of the possibility to access the protected software applications includes classifying the requests to access; and that the determining the possibility to access includes scheduling requests based on said classification information.

Cherkasova et al. (Hereinafter Cherkasova) teaches a method and system for scheduling server requests, wherein scheduling serving of the external requests is based on the classification information specifying a class for the request, said classification information being included into the external request (column 2, lines 16-23, 64-65).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Hammel to uinclude that scheduling serving of the external requests is based on the classification information specifying a class for the request, because it would allow to determine a priority value for the received request, and to effectively use the system resources, as specifically taught by Cherkasova (column 1, lines 45-69).

**Claim 2.** Hammel teaches said method and apparatus wherein said authenticity tag information causes the business rule engine to analyze the possibility to access such that subsequent requests that are part of the same transaction do not need to be analyzed again (column 11, lines 9-39).

**Claims 3 and 11.** Hammel teaches said method and apparatus wherein the authenticity tag information causes the business rule engine to re-apply the business rules to responses for the subsequent requests to determine if determination is needed for the subsequent requests (column 11, lines 9-39).

**Claims 4, 12 and 17.** Hammel teaches said method and apparatus wherein the authenticity tag is updated if the authenticity tag generator determines that reclassification is needed (column 11, lines 9-39).

**Claims 5 and 13.** Hammel teaches said method and apparatus wherein the server system attaches the authenticity tag into the response by placing the tag in the body of the response message (column 11, lines 9-39).

**Claims 6 and 10.** Hammel teaches said method and apparatus wherein the step of scheduling requests further comprises parsing each of the requests to determine if the request is for an existing transaction or for a new transaction; and if the request is for a new transaction, assigning a new authenticity tag to the request (column 11, lines 9-17).

**Claim 7.** Hammel teaches said method and apparatus wherein the server system is a TCP/IP-based server application system (column 6, lines 3-10).

**Claim 8.** Hammel teaches said method and apparatus wherein the server system is a web server system (column 7, lines 48-49).

**Claim 15.** Hammel teaches said method and apparatus wherein the application system is connected to the server system via a gateway interface or via a plug-in application (column 7, lines 48-56).

### ***Response to Arguments***

Applicant's arguments with respect to **claims 1-19** have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure (see form PTO-892).

Any inquiry concerning this communication should be directed to Igor Borissov at telephone number (703) 305-4649.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Receptionist whose telephone number is (703) 872-9306.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, John Weiss, can be reached at (703) 308-2702.

Any response to this action should be mailed to:

***Commissioner of Patents and Trademarks  
Washington D.C. 20231***

or faxed to:

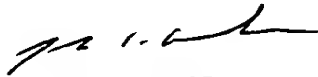
Application/Control Number: 09/666,910  
Art Unit: 3629

Page 5

**(703) 872-9306** [Official communications; including After Final  
communications labeled "Box AF"]

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal  
Drive, Arlington, VA, 7<sup>th</sup> floor receptionist.

IB

  
JOHN G. WEISS  
SUPERVISORY PATENT EXAMINER  
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